

QUATERNARY
Alluvium, loamy sand
Note: Legend applies to Maps 106J, 106O, and 106P
Coloured Legend blocks indicate map-units that appear on this map

MESOZOIC

CRETACEOUS

LOWER CRETACEOUS

Cretaceous undivided: sandstone, white, fine to coarse grained, commonly basal; sand, brown, fine, and clay, dark grey partly carbonaceous, interlaminated; siltstone, white, and shale, dark grey, interbedded; sandstone, brown, laminated, partly fossiliferous

DEVONIAN

UPPER DEVONIAN

IMPERIAL FORMATION: shale, brown, greenish grey, generally fissile; subordinate sandstone, brown, impure, very fine grained; minor siltstone

Basal unit: shale, dark brown to black, fissile, with siltstone laminae and clay ironstone concretions

CANOL FORMATION: shale, black, mostly bituminous, partly fissile, partly siliceous and blocky

PALEOZOIC

MIDDLE DEVONIAN

UN-NAMED UNIT (defined, assumed): sandstone, brown, fine grained, thin to medium bedded, partly shaly, partly calcareous, commonly fossiliferous

RAMPARTS FORMATION: limestone, generally well bedded and partly argillaceous, rubbly weathering, commonly fossiliferous; massive in Iroquois Syncline

HARE INDIAN FORMATION: shale, black and fissile at base, greenish grey above; beds of siltstone and fossiliferous limestone locally developed especially near top

HUME FORMATION: limestone, well bedded and rubbly, highly fossiliferous; shales in middle and lower parts

Rock outcrop.....x

Rock outcrop visited.....◎

GSC fossil locality No.C26517

Geological boundary (approximate, assumed, extended beneath thick overburden).....

Bedding (inclined).....

Abandoned well.....

Shallow borehole sample(s) examined [surface map-unit only encountered, deeper map-unit encountered (depth indicated)].....◎ Dm 60

Shallow borehole sample(s) reported [surface map-unit only encountered, deeper map-unit encountered (approximate depth indicated)].....○ Dm 60

Stratigraphic section studied.....— Mm 10

Anticline (defined, assumed, plunging).....→ →

Syncline (defined, assumed, plunging).....← ←

Oil seep or stain. (observed and reported).....● 7

Stratigraphic Section Reference

W. S. MacKenzie.....MN-

Geology compiled by D. G. Cook and J. D. Aitken, 1974. Compilation based on field work by D. G. Cook, J. D. Aitken, M. E. Ayling, H. R. Balkwill, W. S. MacKenzie and C. J. Yorath (1968, 1971), published maps and reports, and unpublished reports on file with the Department of Indian and Northern Affairs

Abandoned Wells

| | |
|---|----|
| Decalta et al. Rond Lake No. 1..... | 10 |
| Decalta et al. Rond Lake No. 2..... | 11 |
| Decalta et al. Rond Lake No. 5..... | 12 |
| Decalta et al. Rond Lake No. 4..... | 13 |
| Decalta et al. Rond Lake No. 3..... | 14 |
| Mobil Inexco Sun Manuel Lake J-42..... | 15 |
| Mobil Inexco Sun Iroquois D-40..... | 16 |
| Candel Mobil et al. Iroquois I-11..... | 17 |
| Canada Southern Carnwath River No. 1..... | 18 |

Shallow borehole samples or data from:
Chevron Standard Ltd. - seismic shot points
Sigma Explorations Ltd. - seismic shot points
Canada Southern Petroleum Ltd. - seismic shot points (reported)

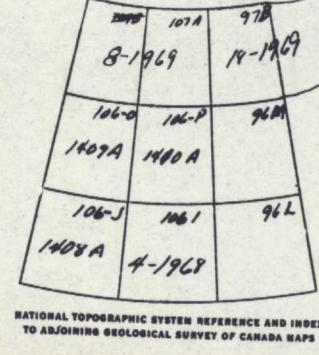
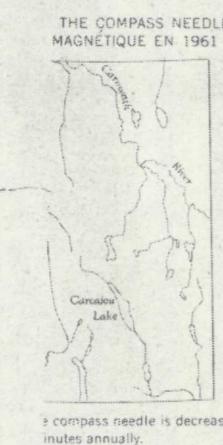
Reported Oil Seeps

| Seep No. | DIAND Report No. |
|----------|------------------|
| 6 | 530-1-6-8 |
| | 19-1-6-1 |
| 7 | 542-1-6-2 |
| | 587-1-6-1 |
| | 246-1-6-4 |
| | 19-1-6-1 |
| | 530-1-6-1 |
| | 542-1-6-1 |
| | 19-1-7-5 |
| | 673-1-5-13 |
| | 57-1-6-74 |

Geological cartography by the Institute of Sedimentary and Petroleum Geology,
Geological Survey of Canada, 1974

Topographic base-map at the same scale published by
the Survey and Mapping Branch,

Magnetic declination varies from easterly at centre of west edge to
easterly at centre of east edge. Mean annual change:



106 P

1:250,000

CANADA

EDITION 2

106 P



CANOT LAKE

DISTRICT OF MACKENZIE

NORTHWEST TERRITORIES

Scale 1:250,000 Échelle

Produced by the ARMY SURVEY ESTABLISHMENT
R.C.E. 1957-61. Aerial photography 1955.
Copies may be obtained from the Map Distribution Office
Department of Mines and Technical Surveys, Ottawa.

Préparée par le SERVICE TOPOGRAPHIQUE DE L'ARMÉE,
(G.R.C.) 1957-61. Photographie aérienne 1955.
Ces cartes sont en vente au Bureau de distribution des cartes,
ministère des Mines et des Relevés techniques, Ottawa

Roads: Routes:
Loose surface, all weather... de gravier, toute saison less than 2 lanes moins de 2 voies
Cart track, trail... de terre, sentier dry weather période sèche

Spot elevation, precise, approximate... Pointe précise, approximatif 950-950'

Boundary monument... Borne-frontière

Pingo... Buttes de terre

Depression contours... Courbes de covette

Cliff or low relief... Falaise ou relief peu accentué

Transverse Mercator Projection
North America D

Building... Bâtiment...

Post office... Bureau de poste...

Church... Eglise...

School... Ecole...

Astronomical monument... Repère astronomique

Intermittent stream, Course d'eau intermittent...

Post office, Bureau de poste... P Intermittent lake, Lac intermittent...

Church, Eglise... R Rapids, falls... Rapides, chutes...

School, Ecole... S Marsh or swamp, Marais ou marécage...

Astronomical monument, Repère astronomique... Strata known...

